

# 1228-M FAG Y1 3.05 140x250x50mm Self aligning ball bearings

Bearing number	1228-M
Size (mm)	140x250x50
Brand	FAG
Bore Diameter (mm)	140
Outer Diameter (mm)	250
Width (mm)	50
d	140 mm
D	250 mm
B	50 mm
$C_1$	2.7 mm
$D_1$	221.2 mm
$D_{a \max}$	236 mm
$d_1$	175 mm
$d_{a \min}$	154 mm
$r_{a \max}$	2.5 mm
$r_{\min}$	3 mm
m	11.2 kg / Weight
$C_r$	163000 N / Dynamic load rating (radial)
e	0.21
$Y_1$	3.05
$Y_2$	4.71
$C_{0r}$	74000 N / Static load rating (radial)

$Y_{\theta}$	3.19
$n_G$	4300 1/min / Limiting speed
$n_B$	4950 1/min / Reference speed
$C_{ur}$	3300 N